

Authorization for this examiner's amendment was given in a telephone interview with inventor Urbain Alfred von der Embse on 4/24/09.

The application has been amended as follows:

**In the claims** (received on 3/12/09):

- Claim 1, <sup>page 1, 22</sup> line ~~32~~, insert --- implemented --- prior to "with";  
<sup>page 1, 23</sup> line ~~33~~, delete phrase --- channelization --- ;  
<sup>1 24</sup> page ~~2~~, line ~~5~~, insert --- implementation of --- after "simultaneous"  
Claim 2, <sup>3 18</sup> page ~~4~~, line ~~34~~, delete phrase "said implementation";  
<sup>3 22</sup> page ~~5~~, line ~~4~~, insert --- said N-scale --- prior to "MS-CDMA";  
Claim 3, <sup>page 3, 32</sup> line ~~17~~, replace "OWDMA" with --- orthogonal Wavelet division multiple  
access (OWDMA) ---  
<sup>4 6</sup> page ~~8~~, line ~~11~~, insert --- and --- between "encoding" and "spreading";  
<sup>4 11</sup> page ~~8~~, line ~~17~~, insert --- and --- between "encoding" and "spreading";  
<sup>4 16</sup> page ~~8~~, line ~~22~~, delete phrase -- MS-CDMA, OWDMA, and OFDMA --  
replace with ---MS-CDMA OWDMA, and MS-CDMA OFDMA ---page 6,  
<sup>18</sup> ~~page 4~~, line ~~24~~, insert --- using --- before phrase "filters".

***Allowable Subject Matter***

4. The following is an examiner's statement of reasons for allowance: